

# Converting Colors

HunterLab(41.9467, -1.8039,  
3.7926)

Have a look what the booklet for  
HunterLab(41.9467, -1.8039, 3.7926)  
contains.

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# Color

**HunterLab(41.9583, -1.8123,  
3.7467)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	777471
RGB	119, 116, 113
RGB Percent	47%, 45%, 44%
CMY	0.5333, 0.5451, 0.5569
CMYK	0.00, 0.03, 0.05, 0.53
HSL	30°, 3%, 45%
HSV	30°, 5%, 47%
XYZ	16.8338, 17.6050, 18.1336
YIQ	116.5550, 2.7510, -0.2970

# Conversions

## Conversions Part 2

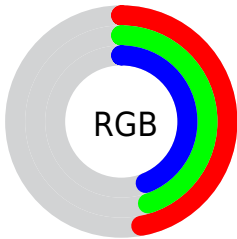
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 119, 113
Decimal	7828593
CIE <sub>Lab</sub>	49.01, 0.56, 2.06
CIE <sub>LCh</sub>	49, 2.131, 74.761
Yxy	17.6058, 0.3202, 0.3349
Android (android.graphics.Color)	4286018673 (0xFF777471)
YUV	116.5550, -1.7526, 2.1443
Hunter-Lab	41.9583, -1.8123, 3.7467

# Details

The HunterLab color  $41.9583, -1.8123, 3.7467$  is a dark color, and the websafe version is hex  $666666$ . A complement of this color would be  $41.6331, -2.6071, 0.7535$ , and the grayscale version is  $42.0116, -2.2416, 2.2826$ .

A 20% lighter version of the original color is  $62.7533, -2.8982, 4.9849$ , and  $24.1981, -0.8917, 2.6417$  is the 20% darker color. If you saturate the color by 10%, you get  $40.0347, -0.7564, 6.3841$ , and if you desaturate by 10%, it is  $43.9393, -2.7283, 0.8918$ .

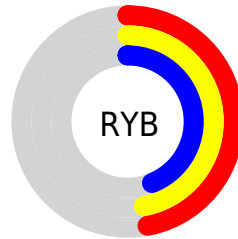
# Distribution



Red (47%)

Green (45%)

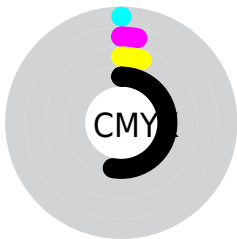
Blue (44%)



Red (47%)

Yellow (47%)

Blue (44%)

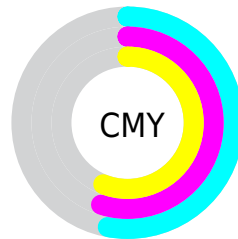


Cyan (0%)

Magenta (3%)

Yellow (5%)

Black (53%)



Cyan (53%)

Magenta (55%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.9583, -1.8123, 3.7467 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 41.9583, -1.8123, 3.7467 by changing the saturation by 10% instead.



■ 41.9583, -1.8123,  
3.7467

■ 41.9583, -1.8123,  
3.7467

■ 154.4796, -7.5912,  
10.6927

■ 32.6609, -1.3508,  
3.1195

■ 62.7410, -2.8622,  
5.0959

■ 24.1735, -0.9349,  
2.5236

■ 74.1305, -3.4426,  
5.8146

■ 16.5838, -0.5713,  
1.9598

■ 86.1363, -4.0574,  
6.5616

■ 10.0138, -0.2687,  
1.4272

■ 98.7282, -4.7048,  
7.3361

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 111.8802, -5.3831,  
8.1372

0.0000, NaN, NaN

■ 125.5692, -6.0910,

0.0000, NaN, NaN

139.7751, -6.8274,  
9.8162

■ 41.9583, -1.8123,  
3.7467

■ 41.9583, -1.8123,  
3.7467

■ 40.0347, -0.7564,  
6.3841

■ 43.9393, -2.7283,  
0.8918

■ 38.1704, 0.4533,  
8.7791

■ 45.9709, -3.5121,  
-2.1619

■ 36.3711, 1.8263,  
10.9072

■ 48.0504, -4.1749,  
-5.3953

■ 34.6422, 3.3718,  
12.7417

■ 50.1744, -4.7265,  
-8.7920

■ 32.9897, 5.0969,  
14.2549

■ 52.3401, -5.1760,  
-12.3376

■ 31.4197, 7.0054,  
15.4202

■ 54.5447, -5.5317,  
-16.0193

■ 29.9385, 9.0952,  
16.2142

■ 56.7859, -5.8012,  
-19.8258

■ 28.5525, 11.3564,  
16.6221

■ 59.0615, -5.9916,  
-23.7474

■ 27.2653, 13.7581,  
16.6732

■ 61.3695, -6.1092,  
-27.7753

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



41.9592, -1.0817, 3.3573



41.9583, -1.8123, 3.7467



41.9592, -2.6541, 3.7506

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.9592, -1.8134, 3.7474



41.9592, -3.8000, 1.8884



41.9592, -1.0914, 1.1721

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



41.9583, -1.8123, 3.7467



41.6331, -2.6071, 0.7535

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



41.9592, -1.8265, 0.7624



41.9583, -1.8123, 3.7467



41.9592, -3.3880, 1.1815

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.9592, -1.8134, 3.7474



41.9592, -3.7965, 2.6880



41.9592, -2.6671, 0.7659



41.9592, -0.6626, 1.8758



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.9583, -1.8123, 3.7467



41.9592, -3.1630, 3.5334



41.9592, -2.6671, 0.7659



41.9592, -1.3111, 0.9948

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



41.9592, -1.8134, 3.7474



56.9335, -2.8121, 3.9010



41.2231, 0.0230, 1.6369



27.7357, -1.3783, 1.8712



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.9592, -1.8134, 3.7474



55.8588, -2.2792, 5.4214



42.7880, -3.1858, 4.6616



20.1925, -0.8166, 1.9827



27.4419, 15.4925, 17.1808



59.1468, 37.5126, 37.1027



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



41.6331, -2.6071, 0.7535



55.3269, -3.5738, 0.5378



40.8083, -1.2309, -0.2330



19.9950, -1.2973, 0.1696



21.8383, 4.4065, -36.8084



46.3973, 13.2739, -86.6471



# Previews

## White Background



This preview shows how the HunterLab color 41.9583, -1.8123, 3.7467 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 41.9583, -1.8123, 3.7467 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

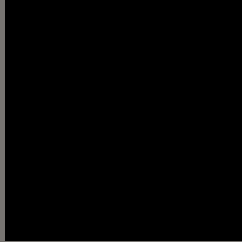
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# HunterLab 41.9583, -1.8123, 3.7467 Background



This preview shows how black text looks on a background with the HunterLab color 41.9583, -1.8123, 3.7467.



This preview shows how white text looks on a background with the HunterLab color 41.9583, -1.8123,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

41.9583, -1.8123, 3.7467

### Protanopia

41.9583, -1.8123, 3.7467

### Deuteranopia

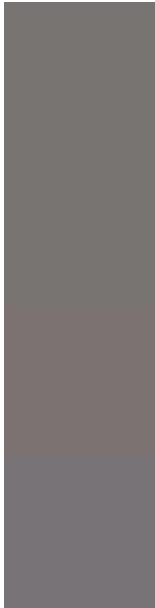
42.0622, 2.7596, 3.5269



## Tritanopia

41.8684, 1.2436, -0.7153

# Trichromacy



## Original Color

41.9583, -1.8123, 3.7467

## Protanomaly

41.9583, -1.8123, 3.7467

## Deuteranomaly

41.9637, 1.0541, 3.3837

## Tritanomaly

41.9362, -0.1506, 1.1633

# Monochromacy



## Original Color

41.9583, -1.8123, 3.7467

## Achromatopsia

42.1768, -2.2504, 2.2915

## Achromatomaly

42.2316, -2.1154, 2.7888

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 41.9583, -1.8123, 3.7467 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(119, 116, 113)` looks like.

```
.text, #text, p{  
    color:rgb(119, 116, 113)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(119, 116, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 116, 113) }
```

## Border

The CSS property to change the border of an element to HunterLab 41.9583, -1.8123, 3.7467 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 116, 113) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(119, 116, 113) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(119, 116, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 116, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 116, 113); box-shadow:4px 4px 4px 4px rgb(119, 116, 113) }
```

# Background

The CSS property to change the background color of an element to HunterLab 41.9583, -1.8123, 3.7467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 116, 113) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(119,  
116, 113) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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